

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1-10 are amended.

Listing of Claims:

1. (Currently Amended) Method for inspecting the quality criteria of flat textile structures embodied in a multi-layer form according to a contour, in particular woven, stitched, knitted, sewn or non-woven finished structures, ~~preferably provided with~~ including cut areas or holes, separated or forming a material web, ~~in particular when~~ said structures ~~are~~ being used for airbags, carried out using image-forming inspection means, in particular optical inspection means, ~~preferably~~ including a CCD array camera or a linear array camera, ~~whereby~~ wherein a relative motion is produced between the structures to be inspected and the camera, and the structure is arranged at least by area at a defined distance from the image-forming inspection means preferably on a substantially flat surface of a control table or inspection line or led past the field of view of the camera at a defined distance by a roller, comprising the following steps:
recording the structure using ~~said inspection means, in particular~~ the camera, and saving or buffering the image data captured;
segmenting the image data captured based on the texture differences distinguishable in the image;
determining segment characteristics for the individual image segments such as segment center of gravity – segment area – segment main axis and/or localized rectangles or the like, on the basis of which a distinctive system of coordinates for the structure and corresponding structures of the same type can be defined which is invariant relative the torsion, reflection, stretching, compression and deformation of the structure, said system of coordinates allowing a definition of measuring points to be made.
2. (Currently Amended) Method according to claim 1, ~~characterized in that~~ wherein the definition or specification of measuring points ~~preferably in critical distance and marginal areas~~ is realized based on manufacturer or consumer quality specifications.

3. (Currently Amended) Method according to claim 1 or 2, ~~characterized in that wherein the~~ inspection is made of the actual dimensional accuracy and pre-defined distances, ~~in particular~~ from cut areas to seams or from seams to the outer edge of the structure.

4. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ a quality log is produced on the basis of the determined inspection data.

5. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ optically detecting the position and/or direction of identification threads woven into the structure to be inspected ~~can be~~ is used in the determination of the distinctive system of coordinates.

6. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ image processing edge-scanning algorithms are used to analyze the actual dimensional accuracy of distances adjacent the segment borders (~~edge image K~~).

7. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ upon an undefined position ~~being detected, in particular comprising~~ a certain area of stretch or compression to the textile structure ~~being detected~~, an analysis is carried out as to whether and to what extent there are measuring points for determining critical distances in the stretched and/or compressed area in order to subsequently reject selected measuring points, define alternative measuring points, or ~~occasion the retaking of~~ retake the image of the relevant textile structure.

8. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ recording the image is ~~done in a~~

procedure using transmitted or incident light, whereby wherein the inspection table or the inspection line is configured as an x-ray mechanism or the surface of the inspection table or the inspection line creates a contrasting background for the textile structure.

9. (Currently Amended) Method ~~in accordance with one of the preceding claims, characterized in that according to claim 1, wherein~~ the textile structure is detached from the material web on the basis of a contour line ascertained in accordance with one of the afore-mentioned procedures.
10. (Currently Amended) Flat textile structures embodied in a multi-layer form according to a contour, ~~in particular the structure comprising woven, stitched, knitted, sewn or non-woven finished structures, in particular when used for airbags, which are detached from the material web in a procedure according to claim 9.~~